

Fast Flux Test Facility (FFTF) Project (RL-0042)

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*Primary Sodium Drain
activities completed in
June*



*Failed Pin from PO-4
fueled test article was
identified*



Overview

This section addresses work in Project Baseline Summary RL-0042, *Nuclear Facility Deactivation and Decommissioning, Fast Flux Test Facility Project*.

NOTE: Unless otherwise noted, all information contained herein is as of the end of June 2005.

Notable Accomplishments

Primary Sodium Drain: Final draining of the reactor vessel (Phase 3 of primary sodium drain) was completed on Wednesday, June 15, 2005. A total of 42,100 gallons of sodium were transferred from the reactor vessel to the Sodium Storage Facility during Phase 3.

Fuel Offload: PO-4 fuel assembly pin processing continues. To date, 138 of 169 fuel pins have been removed from the assembly, weighed and visually examined. Eleven pins have been set aside for further evaluation; the remaining pins have been placed into an ID69 pin container for storage.

Fuel Storage Facility (FSF) Sodium Drain: Two tanks removed from the Closed Loop Module are being used to build a system allowing a series of vacuum/pressure transfers from the FSF to the Sodium Storage Facility. Detailed design of the required equipment is complete. A refueling floor valve was installed on the vessel to allow installation of a special low pressure relief system.

FY 2005 Funds vs. Spend Forecast (\$M)

	Projected FY 2005 Funding	FY 2005 Fiscal Year Spend Forecast	Variance
FFTF Project	\$ 44.9	\$ 42.8	\$ 2.1

FY 2005 Schedule/Cost Performance (\$M)

	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
FFTF Project	\$33.1	\$30.4	\$29.0	-\$2.7	-8.1%	\$1.4	4.7%	\$44.2

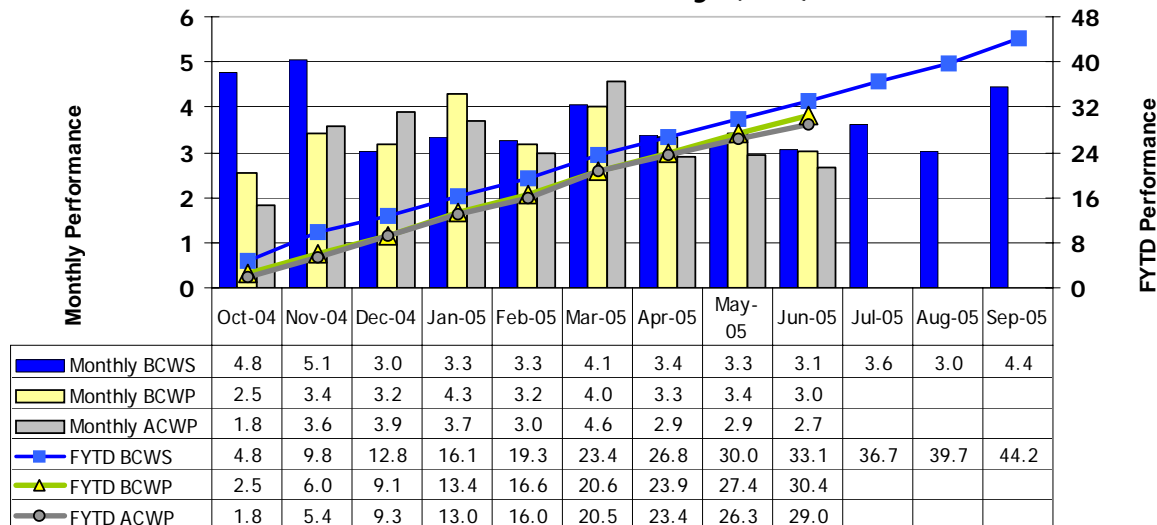
Numbers are rounded to the nearest \$0.1M.

Schedule Performance (-\$2.7M/-8.1%): The schedule variance is primarily due to delays in fuel pin processing and the Interim Storage Cask (ISC) fabrication procurement being budgeted in October and November to clearly identify the timing of needed funds; the fabrication will actually occur from December until the end of the fiscal year.

Cost Performance (+\$1.4M/+4.7%): The cost variance is due to staffing underruns and efficiencies.

FY 2005 Schedule/Cost Performance, continued

Performance Analysis FYTD and Monthly (\$M)



Milestone Achievement

Number	Milestone Title	Type	Due Date	Actual Date	Forecast Date	Status/Comments
RL42-1a3	Complete loading and transferring ten additional Interim Storage Casks	PI	3/31/05	See Note	3/31/05	See note
M-81-13 (BM-81-13)	Complete reactor & HTS sodium drain	TPA	6/30/05	6/21/05		Complete
M-81-11 (BM-81-11)	Submit FFTF end point criteria document	TPA	8/31/05		8/31/05	On schedule
M-92-10 (B43-05-001)	Submit Na disposition evaluation report	TPA	9/30/05			Change submitted for due date to align with EIS development.

NOTE: The ninth ISC was loaded and shipped on January 21, 2005. The tenth ISC was damaged during manufacturing; that ISC will be replaced by the vendor in late summer 2005.